

3.600

West Lake Demolition LF

JOHN ASHCROFT

Governor

FREDERICK A. BRUNNER

Director



STATE OF MISSOURI

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY

St. Louis Regional Office
8460 Watson Road, Suite 217
St. Louis, MO 63119
314-849-1313

Division of Energy
Division of Environmental Quality
Division of Geology and Land Survey
Division of Management Services
Division of Parks, Recreation,
and Historic Preservation

April 6, 1988

Mr. W. E. Whitaker, President
West Lake Landfill
13570 St. Charles Rock Road
Bridgeton, Missouri 63044

Dear Mr. Whitaker:

Enclosed is a report of an inspection conducted by Mr. Stuart Bean of my staff. The report contains recommendations which the inspector has determined are warranted based on his findings at the facility.

Please review the report and implement the recommendations presented. Should you have any questions or comments, please contact me or Mr. Bean, Chief - Solid Waste Subunit.

Sincerely,

ST. LOUIS REGIONAL OFFICE

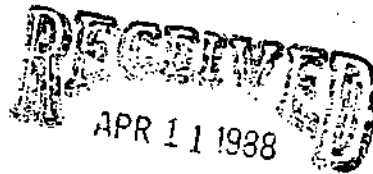
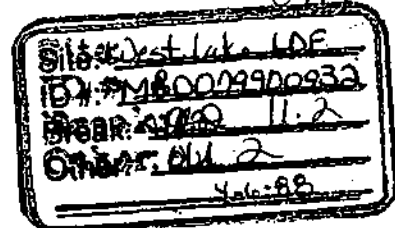
Walt Puryear

Walt Puryear
Chief, Waste Management Unit

WP:ps

Encl.

CC: Central Office - WMP



WASTE MANAGEMENT
PROGRAM

40249211



SUPERFUND RECORDS

DNR 0051

MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY

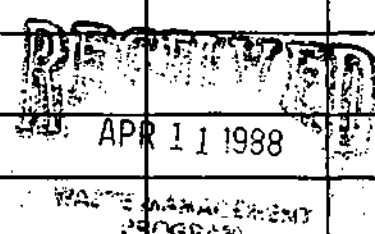
DEMOLITION LANDFILL SURVEILLANCE RECORD

Date: 3-16-88 Days/Week Open: 6
Name of Demolition Landfill: West Lake Demolition Landfill
Permit No: 218912 County: St. Louis
Owner: West Lake Landfill, Inc. Operator: West Lake Landfill, Inc.
Address: 13570 St. Charles Rock Rd Address: 13570 St. Charles Rock Rd
Bridgeton MO 63042 Bridgeton, Mo 63042
Phone No.: 314-739-1122 Phone No.: _____

I. Special Conditions and Approved Modifications

- A. Are there any special conditions or approved modifications of the satisfactory compliance subsections of the rules and regulations? (e.g. impermeable barrier, limited excavation, exceptions to weekly cover requirements)
Yes _____ No X
- B. Is the demolition landfill operation in compliance with the special conditions or approved modifications? (If "No," describe violations under "REMARKS.")
Yes _____ No _____

II. Check Types of Waste Accepted

	INDICATED ON PERMIT APPLICATION	REPORTED BY OPERATOR	AS OBSERVED
Demolition and construction waste	<u>X</u>	<u>X</u>	<u>X</u>
Brush and untreated wood waste			
Tires	<u>X</u>	<u>X</u>	<u>X</u>
Inert Plastics	<u>X</u>	<u>X</u>	<u>X</u>
OTHER WASTES (SPECIFY)	<div style="text-align: center;">  </div>		

III. Remaining Life of Landfill

- A. Estimated amount of solid waste coming through gate.
loads 5000 yds/wk _____ tons/wk
- B. Estimated volume of remaining landfill covered by approved engineering plans.
_____ acre feet 9 years

INSPECTION FORM DISTRIBUTION LIST	
Owner	<u>X</u>
Operator	
City	<u>Bridgeton</u>
County Court	
Consulting Engineer	
Solid Waste Program	<u>CO-WMP</u>
Regional Office File	<u>SLRO</u>
Others	<u>Mr. Ron Darling, St. L. Co. Health</u>

IV. Satisfactory Compliance Subsections Regulations 80-4.010

Check all subsections: SAT - Satisfactory; UNS - Unsatisfactory. (If necessary describe "UNS" violations u "Remarks.")

SUB-SECTION NUMBER	SATISFACTORY COMPLIANCE OPERATING PROCEDURE	SAT	UNS	SUB-SECTION NUMBER	SATISFACTORY COMPLIANCE OPERATING PROCEDURE	SA
(2) SOLID WASTE ACCEPTED				(10) AESTHETICS (continued)		
(2)(C)1	Routine sanitary landfill techniques of spreading and compacting solid waste shall be used as much as practicable to dispose of solid waste in a demolition landfill.	X		(10)(C)4	Salvaged materials removed daily or stored in aesthetically acceptable manner.	X
(2)(C)2	A list of wastes to be accepted shall be displayed prominently at the site entrance.	X		(11) COVER MATERIAL		
(3) SOLID WASTE EXCLUDED				(11)(C)1	Twelve (12) inches compacted soil cover material applied at least once every seven calendar days.	X
(3)(C)1	A responsible supervisor shall be present at the disposal area at all times when the area is open to receive waste.			(11)(C)2	Final cover of at least two (2) feet compacted soil applied on all completed areas.	X
(3)(C)2	Excluded wastes deposited removed to an approved disposal site.			(12) COMPACTION		
(4) SITE SELECTION				(12)(C)1A	Solid waste spread in layers not to exceed two (2) feet as much as practical.	X
(4)(C)	Site accessible by all-weather roads.	X		(12)(C)1B	Solid waste compacted to smallest practical volume.	X
(6) WATER QUALITY				(12)(C)1C	Cover material compacted as much as practical.	X
(6)(C)1	Surface water courses and runoff satisfactorily diverted from the landfill. Demolition landfill construction and grading to promote rapid surface water runoff without excessive erosion.	X		(12)(C)2	Equipment available and operated to spread and compact the solid waste as received or at least when the accumulated waste reaches 200 cubic yards.	X
(6)(C)2	Decomposable solid wastes deposited above predicted maximum water table.	X		(12)(C)3	No solid waste disposed of in water where the water interfered with spreading and compacting or where the water is causing a mosquito problem.	X
(7) AIR QUALITY				(13) SAFETY		
(7)(C)	No open burning without written permission from the Air Pollution Control Program.	X		(13)(C)1	Fire extinguishers provided on all equipment.	X
(8) GAS CONTROL				(13)(C)2	Provisions for extinguishing fires in waste, equipment or structures.	X
(8)(C)1	Decomposition gases adequately vented to prevent danger to occupants of adjacent property.	X		(13)(C)3	Scavenging prohibited.	X
(8)(C)2	Gases vented to prohibit explosive or toxic accumulations.	X		(13)(C)4	Controlled access limited to operating hours.	
(9) VECTORS				(13)(C)5	Traffic control signs provided.	X
(9)(C)	Vector control programs implemented when necessary.	X		(13)(C)6	Dust control adequate.	X
(10) AESTHETICS				(14) RECORDS		
(10)(C)1	Litter collected and compacted daily into the cell being utilized.	X		(14)(C)1A	Records of complaints and major problems.	X
(10)(C)2	Wastes easily moved by wind covered as necessary.	X		(14)(C)1B	Records of dates of cover material application.	X
(10)(C)3	On-site vegetation and natural windbreaks being utilized for litter control and aesthetic appearance.	X		(14)(C)1C	Records of vector control efforts.	X
				(14)(C)1D	Records of dust and litter control efforts.	X
				(14)(C)1E	Records of quantity of waste received.	X
				(14)(C)2	Records of location of general types of wastes and depth of fill.	X

V. Operation Proceeding in Accordance With Approved Engineer Plans? (If "No," describe violations under "REMARKS")

Yes

No

REMARKS At least two (2) piles of gasoline tainted soil were observed at the demo. fill. Mr. Conway stated that they would be taken to their sanitary fill and covered as soon as possible.
An eroded area and one leachate outbreak was observed at an earlier permitted section of the Demo LF.

(Attach additional sheets as necessary.)

BY

Stewart Bean
Signature of Investigator

3.600 ST. LOUIS COUNTY
West La' Demolition Landfill

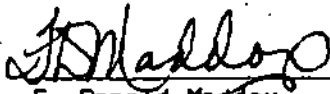
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RECOMMENDATIONS

1. Spread out all piles of gasoline tainted soil received as soon as possible in order to encourage volatilization.
2. Take appropriate measures to control erosion and leachate outbreaks.

APPROVED BY:

PREPARED BY:



F. Donald Maddox
Regional Administrator
St. Louis Regional Office



Stuart Bean
Environmental Specialist III
St. Louis Regional Office

SB/cj

cc: West Lake Landfill, Inc.
City of Bridgeton
LCO - Waste Management Program
St. Louis Regional Office
Mr. Ron Darling, St. Louis Co. Health

3.600 ST. LOUIS COUNTY
West Lake Demolition Landfill

SOLID WASTE FACILITY INSPECTION REPORT

FACILITY

West Lake Landfill
St. Louis County
Demolition Landfill
MDNR Permit #218912

INTRODUCTION

An inspection of the West Lake Demolition Landfill was conducted on March 16, 1988, to assess compliance with applicable requirements pursuant to the Missouri Solid Waste Management Law. Mr. Stuart Bean, Environmental Specialist, represented the Missouri Department of Natural Resources - St. Louis Regional Office. Messers. Ron Darling and Steve Tullos represented the St. Louis County Department of Community Health and Medical Care. Mr. William Canney, Environmental Engineer, represented to facility.

FINDINGS

1. Piles of gasoline tainted soil were observed at the working face.
2. A leachate outbreak was observed in the old demolition landfill.

DISCUSSION

One, and possibly up to three, piles of gasoline tainted soil were observed at the working face. The piles had not yet been spread out in order to encourage volatilization.

A small leachate outbreak was observed in an eroded area in the old demolition fill. The site was near the gravel access road south of the current demolition fill. The leachate was not flowing off site.